

CONTROL NO. N/A

S E C R E T

DATE 21 July 1982

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SUBJECT
AREA: ELECTRONICS

IEG PI NOTICE

DISTRIBUTION:
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No. 18-82

TITLE/SIGNIFICANCE:

GER-EL-01 (Proposed Nickname BIG BACK)

The GER-EL-01 (BIG BACK) is a new three dimensional (range, azimuth, and height) air surveillance radar which has been under operational research and development since at least 1975. The radar consists of two parabolic cylinder reflector/antennas mounted back-to-back on a rotatable base with a guyed central mast, and is thought to be a replacement for the Tall King radar system. The back-to-back antennas measure approximately [redacted] This new radar system has been seen in a mobile version and a fixed version. To date, the GER-EL-01 has been seen at, at least 15 locations throughout the Soviet Union and Mongolia.

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LOCATION(S)

Kapustin Yar Electronics
Test Facility

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